

# HIV Infection in Substance Users

Between 35 percent and 50 percent of New York's estimated 250,000 injection drug users (IDUs) are believed to be HIV infected. More than 43 percent of New York's 136,911 adult AIDS cases confirmed through 1999 were among IDUs. An additional 3 percent of cases were among drug injecting men who have sex with men (MSM/IDUs) as shown in Figure 9-3. Of all cases diagnosed from 1996 to 1999, over forty percent were directly attributed to injecting drug use, including 10,894 cases in IDUs and 486 MSM/IDUs. More than one-fourth of pediatric (children under 13) AIDS cases diagnosed in New York State since 1996 resulted from perinatal transmission of HIV from women with a history of injecting drug use (20.3%) or who reported sexual contact with an IDU (6.0%).

### **Methadone Maintenance Treatment Program Clients**

Since 1995, three New York City (NYC) methadone maintenance treatment programs (MMTPs) have participated in an unlinked HIV seroprevalence study, though not on a continuous basis. Overall HIV prevalence has decreased among new admissions to these clinics, from 26.7 percent in 1995 to 19 percent in 1999. This decline has occurred independent of gender, race/ethnicity and age (see Figure 4-1).

Individuals who injected drugs in the year prior to entering

treatment and those who had ever shared drug injection equipment were found to have the highest HIV prevalence. Of those who had recently injected drugs, over 31% were found to be HIV positive; nearly 56% of those who had shared drug injection equipment were HIV positive, with infection rates not changing over time (see Figures 4-2 and 4-3).

### **Drug Detox and Drug-Free Program Clients**

Since 1995, unlinked HIV prevalence studies have been conducted on clients in the drug detox and drug treatment programs at five drug treatment clinics in New York State. Sites have not participated continuously, and several ceased participation after 1997. HIV prevalence was found to be highest among females, Hispanics and those 40-49 years of age (see Figure 4-5). Those who injected drugs in the year prior to entering treatment and those who shared drug injection equipment showed high HIV prevalence (see Figures 4-6 and 4-7). The trend in HIV prevalence is difficult to evaluate due to the varying participation of sites.

### **Substance Abuse Initiative**

The Substance Abuse Initiative funds 57 contracts at more than 90 clinic sites for HIV prevention and primary care services targeting more than 34,000 substance users throughout New

York City, Long Island, the mid-Hudson region, Rochester, Buffalo and Central New York. In addition, funding is provided to a mobile medical unit that serves HIV infected substance users residing in transitional housing at 4 sites in the Bronx and Harlem. According to data submitted by these programs, pretest counseling was provided to 10,908 people in 1999; of these, 9,699 agreed to have blood drawn. A total of 541 clients tested positive (see Figure 4-8).

Infection rates showed a slight decline from 1998 to 1999. Infection rates varied between geographic areas of the state, with rates in New York City much higher (7.18%) than those for the rest of the state (1.75%) as shown in Figure 4-8.

Most clients served were people of color; 36.1 percent of those tested in 1999 were Hispanic and 32.9 percent were black. Women represented about 37% of clients tested.

In 1999, HIV positivity was highest among blacks at 7.18 percent with Hispanics following at 7.11 percent. Overall positivity among whites remained relatively low at 1.56 percent.

Approximately 26.4 percent of those tested in 1999 had previously injected drugs. The rate of infection among those clients continued at three times the rate among those who reported never injecting drugs.

Figure 4-1

# Unlinked Serosurvey in Methadone Maintenance Treatment Programs

## HIV Prevalence in Three Clinics in New York City\*

All Clients, 1995-1999

<b>Gender</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>Males</b>	Number Positive	644	547	475	282	223	2,171
	Number Tested	2,400	2,190	2,249	1,499	1,207	9,545
	Percent HIV Positive	26.8	25.0	21.1	18.8	18.5	22.7
<b>Females</b>	Number Positive	302	239	196	113	114	964
	Number Tested	1,138	1,029	978	572	568	4,285
	Percent HIV Positive	26.5	23.2	20.0	19.8	20.0	22.5
<b>Total Number Positive</b>		<b>946</b>	<b>787</b>	<b>672</b>	<b>399</b>	<b>337</b>	<b>3,141</b>
<b>Total Tested</b>		<b>3,539</b>	<b>3,223</b>	<b>3,232</b>	<b>2,082</b>	<b>1,776</b>	<b>13,852</b>
<b>Total Percent HIV Positive</b>		<b>26.7</b>	<b>24.4</b>	<b>20.8</b>	<b>19.2</b>	<b>19.0</b>	<b>22.7</b>
<b>Race/Ethnicity</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>White, non-Hispanic</b>	Number Positive	118	111	81	74	52	436
	Number Tested	664	652	620	543	397	2,876
	Percent HIV Positive	17.8	17.0	13.1	13.6	13.1	15.2
<b>Black, non-Hispanic</b>	Number Positive	347	285	233	112	83	1,060
	Number Tested	1,103	972	968	483	392	3,918
	Percent HIV Positive	31.5	29.3	24.1	23.2	21.2	27.1
<b>Hispanic</b>	Number Positive	480	389	357	207	196	1,629
	Number Tested	1,747	1,572	1,619	1,027	962	6,927
	Percent HIV Positive	27.5	24.8	22.1	20.2	20.4	23.5
<b>Other/Unknown</b>	Number Positive	1	2	1	6	6	16
	Number Tested	25	27	25	29	25	131
	Percent HIV Positive	4.0	7.4	4.0	20.7	24.0	12.2
<b>Age</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>&lt; 30</b>	Number Positive	82	54	40	18	16	210
	Number Tested	585	466	456	311	252	2,070
	Percent HIV Positive	14.0	11.6	8.8	5.8	6.4	10.1
<b>30-39</b>	Number Positive	412	327	262	148	129	1,278
	Number Tested	1,572	1,399	1,364	879	707	5,921
	Percent HIV Positive	26.2	23.4	19.2	16.8	18.3	21.6
<b>40-49</b>	Number Positive	389	354	323	196	157	1,419
	Number Tested	1,149	1,103	1,151	692	635	4,730
	Percent HIV Positive	33.9	32.1	28.1	28.3	24.7	30.0
<b>50+</b>	Number Positive	62	52	45	31	34	224
	Number Tested	224	238	241	178	173	1,054
	Percent HIV Positive	27.7	21.9	18.7	17.4	19.7	21.3
<b>Other/Unknown</b>	Number Positive	1	0	2	6	1	10
	Number Tested	9	17	20	22	9	77
	Percent HIV Positive	11.1	0.0	10.0	27.3	11.1	13.0

\*Clinics not continuously participating

Figure 4-1

Unlinked Survey in Methadone Maintenance Treatment Programs, HIV Prevalence in Three Clinics in New York City\*, All Clients, 1995-1999 (continued)

Figure 4-1a **Gender**

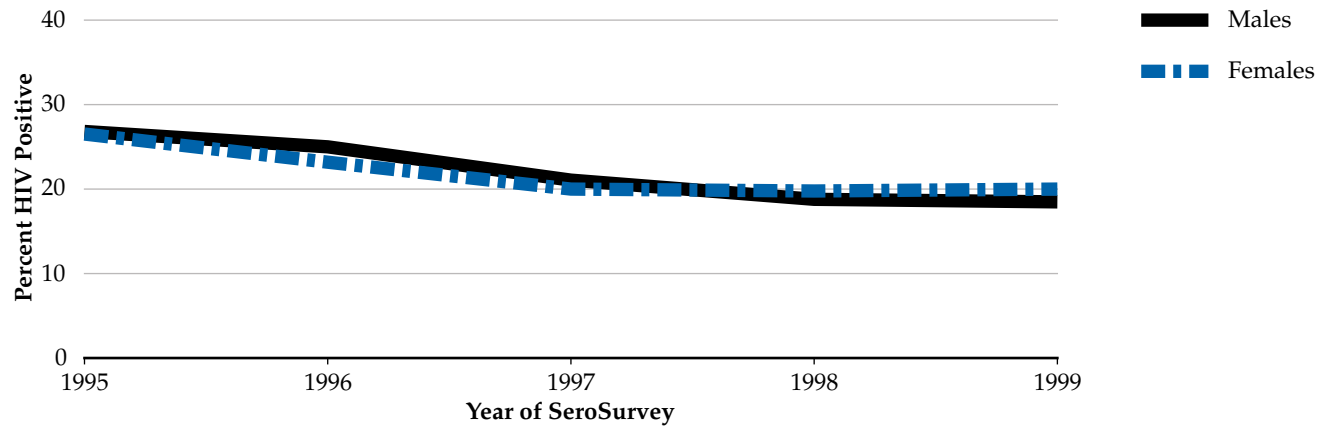


Figure 4-1b **Race/Ethnicity**

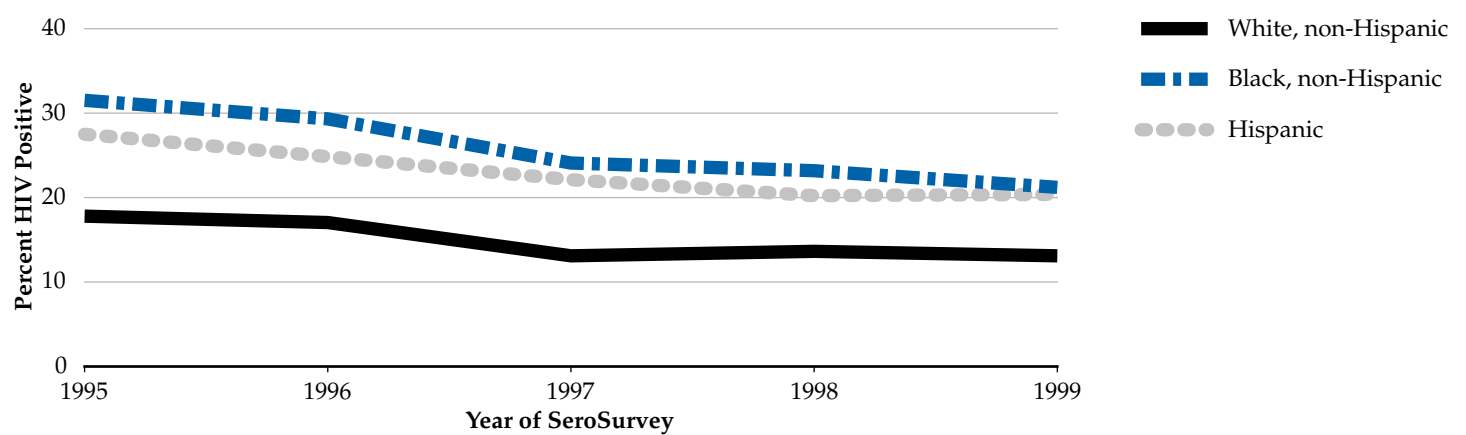
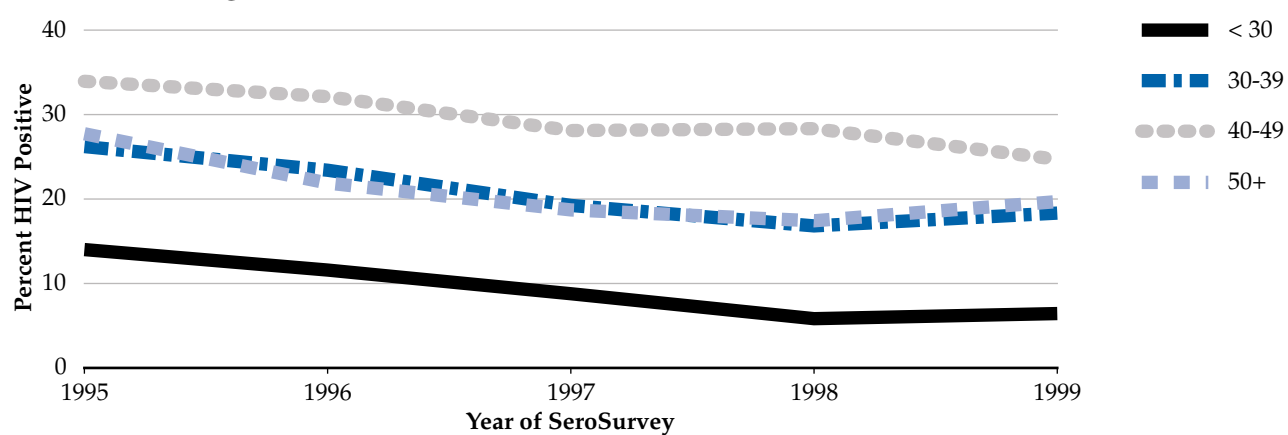


Figure 4-1c **Age**



\*Clinics not continuously participating

Figure 4-2

# Unlinked Serosurvey in Methadone Maintenance Treatment Programs

## HIV Prevalence in Three Clinics in New York City\*

Male Clients, 1995-1999

Race/Ethnicity		1995	1996	1997	1998	1999	Total
White, non-Hispanic	Number Positive	79	75	56	48	34	292
	Number Tested	433	436	424	376	247	1,916
	Percent HIV Positive	18.2	17.2	13.2	12.8	13.8	15.2
Black, non-Hispanic	Number Positive	217	200	165	78	51	711
	Number Tested	697	626	628	338	242	2,531
	Percent HIV Positive	31.1	32.0	26.3	23.1	21.1	28.1
Hispanic	Number Positive	348	270	253	152	134	1,157
	Number Tested	1,255	1,107	1,179	764	700	5,005
	Percent HIV Positive	27.7	24.4	21.5	19.9	19.1	23.1
Other/Unknown	Number Positive	0	2	1	4	4	11
	Number Tested	15	21	18	21	18	93
	Percent HIV Positive	0.0	9.5	5.6	19.1	22.2	11.8
Total Number Positive		644	547	475	282	223	2,171
Total Tested		2,400	2,190	2,249	1,499	1,207	9,545
Total Percent HIV Positive		26.8	25.0	21.1	18.8	18.5	22.7
Age		1995	1996	1997	1998	1999	Total
< 30	Number Positive	52	27	18	8	7	112
	Number Tested	384	289	306	214	161	1,354
	Percent HIV Positive	13.5	9.3	5.9	3.7	4.4	8.3
30-39	Number Positive	246	206	170	90	73	785
	Number Tested	982	907	906	606	471	3,872
	Percent HIV Positive	25.1	22.7	18.8	14.9	15.5	20.3
40-49	Number Positive	291	272	251	152	112	1,078
	Number Tested	851	799	829	519	432	3,430
	Percent HIV Positive	34.2	34.0	30.3	29.3	25.9	31.4
50+	Number Positive	55	42	35	30	31	193
	Number Tested	178	184	193	151	140	846
	Percent HIV Positive	30.9	22.8	18.1	19.9	22.1	22.8
Other/Unknown	Number Positive	0	0	1	2	0	3
	Number Tested	5	11	15	9	3	43
	Percent HIV Positive	0.0	0.0	6.7	22.2	0.0	7.0
Risk Behavior**		1995	1996	1997	1998	1999	Total
Injected in Past Year	Number Positive	460	328	318	171	148	1,425
	Number Tested	1,204	968	1,031	678	553	4,434
	Percent HIV Positive	38.2	33.9	30.8	25.2	26.8	32.1
Shared Works	Number Positive	150	122	114	32	41	459
	Number Tested	242	220	229	57	76	824
	Percent HIV Positive	62.0	55.5	49.8	56.1	54.0	55.7

\* Clinics not continuously participating.

\*\* Self-reported risk behavior. Behaviors are not mutually exclusive and are non-hierarchical.

Figure 4-2

Unlinked Serosurvey in Methadone Maintenance Treatment Programs, HIV Prevalence in Three Clinics in New York City\*, Male Clients, 1995-1999 (continued)

Figure 4-2a **Race/Ethnicity**

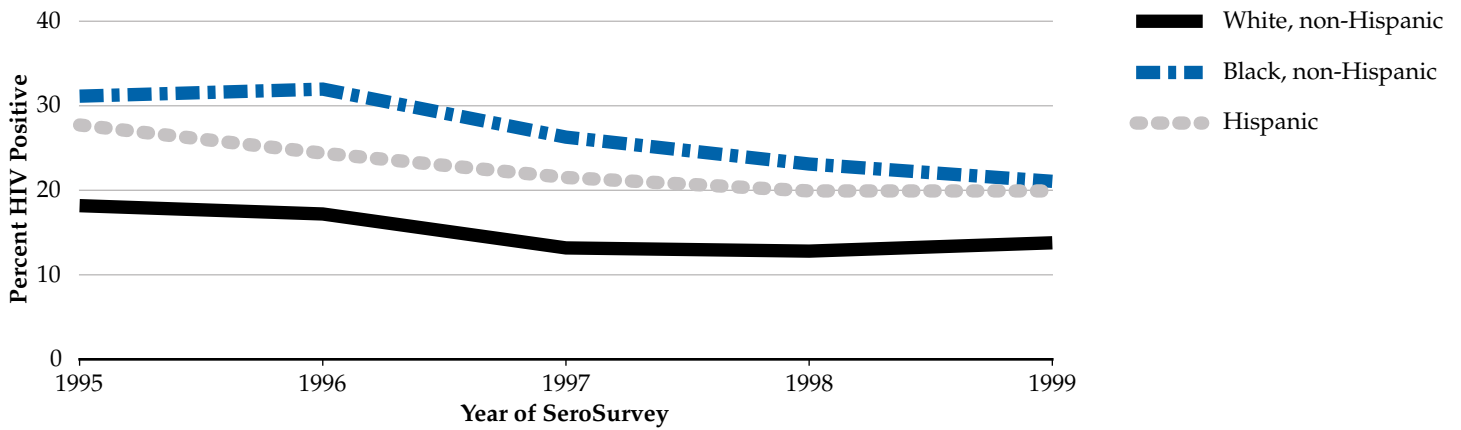


Figure 4-2b **Age**

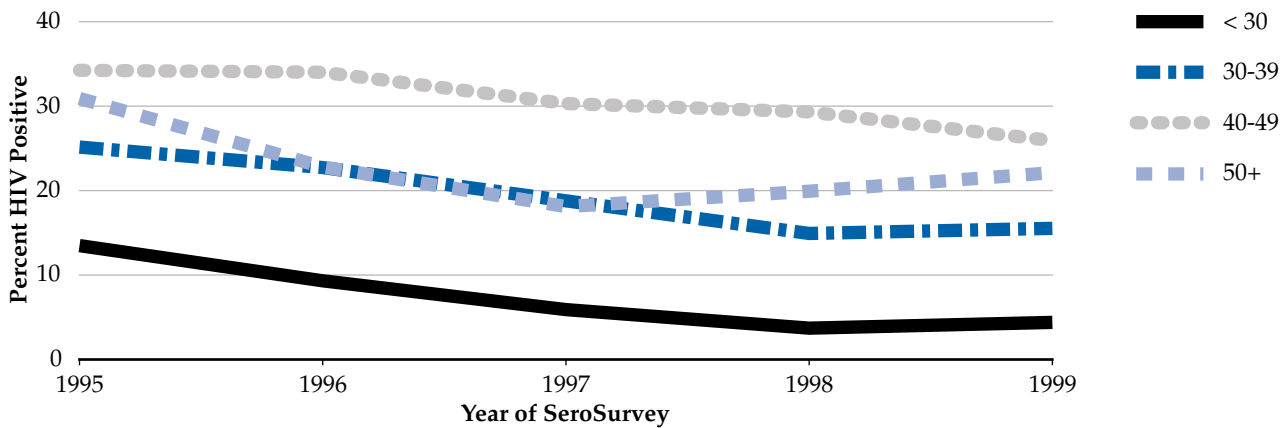
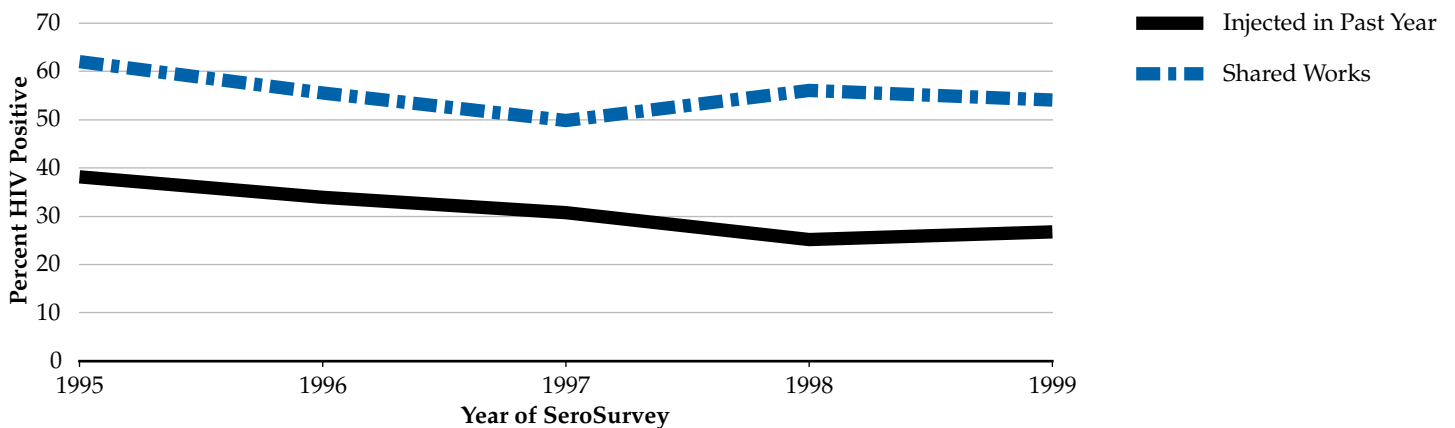


Figure 4-2c **Risk Behavior\*\***



\* Clinics not continuously participating.

\*\* Self-reported risk behavior. Behaviors are not mutually exclusive and are non-hierarchical.

Figure 4-3

# Unlinked Serosurvey in Methadone Maintenance Treatment Programs

## HIV Prevalence in Three Clinics in New York City\*

Female Clients, 1995-1999

<b>Race/Ethnicity</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>White, non-Hispanic</b>	Number Positive	39	36	25	26	18	144
	Number Tested	231	216	195	162	150	954
	Percent HIV Positive	16.9	16.7	12.8	16.1	12.0	15.1
<b>Black, non-Hispanic</b>	Number Positive	130	84	67	32	32	345
	Number Tested	406	342	337	142	150	1,377
	Percent HIV Positive	32.0	24.6	19.9	22.5	21.3	25.1
<b>Hispanic</b>	Number Positive	132	119	104	53	62	470
	Number Tested	492	465	439	260	261	1,917
	Percent HIV Positive	26.8	25.6	23.7	20.4	23.8	24.5
<b>Other/Unknown</b>	Number Positive	1	0	0	2	2	5
	Number Tested	9	6	7	8	7	37
	Percent HIV Positive	11.1	0.0	0.0	25.0	28.6	13.5
<b>Total Number Positive</b>		<b>302</b>	<b>239</b>	<b>196</b>	<b>113</b>	<b>114</b>	<b>964</b>
<b>Total Tested</b>		<b>1,138</b>	<b>1,029</b>	<b>978</b>	<b>572</b>	<b>568</b>	<b>4,285</b>
<b>Total Percent HIV Positive</b>		<b>26.5</b>	<b>23.2</b>	<b>20.0</b>	<b>19.8</b>	<b>20.0</b>	<b>22.5</b>
<b>Age</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>&lt; 30</b>	Number Positive	30	27	22	10	9	98
	Number Tested	201	176	150	96	90	713
	Percent HIV Positive	14.9	15.3	14.7	10.4	10.0	13.7
<b>30-39</b>	Number Positive	166	121	92	58	56	493
	Number Tested	590	492	456	273	236	2,047
	Percent HIV Positive	28.1	24.6	20.2	21.3	23.7	24.1
<b>40-49</b>	Number Positive	98	81	72	44	45	340
	Number Tested	298	302	320	173	203	1,296
	Percent HIV Positive	32.9	26.8	22.5	25.4	22.2	26.2
<b>50+</b>	Number Positive	7	10	10	1	3	31
	Number Tested	46	54	48	27	33	208
	Percent HIV Positive	15.2	18.5	20.8	3.7	9.1	14.9
<b>Other/Unknown</b>	Number Positive	1	0	0	0	1	2
	Number Tested	3	5	4	3	6	21
	Percent HIV Positive	33.3	0.0	0.0	0.0	16.7	9.5
<b>Risk Behavior**</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>Injected in Past Year</b>	Number Positive	179	123	112	52	63	529
	Number Tested	467	380	387	213	247	1,694
	Percent HIV Positive	38.3	32.4	28.9	24.4	25.5	31.2
<b>Shared Works</b>	Number Positive	60	50	38	13	15	176
	Number Tested	95	87	80	24	32	318
	Percent HIV Positive	63.2	57.5	47.5	54.2	46.9	55.3

\* Clinics not continuously participating.

\*\* Self-reported risk behavior. Behaviors are not mutually exclusive and are non-hierarchical.

Figure 4-3

Unlinked Serosurvey in Methadone Maintenance Treatment Program Clients, HIV Prevalence in Three Clinics in New York City\*, Female Clients, 1995-1999 (continued)

Figure 4-3a **Race/Ethnicity**

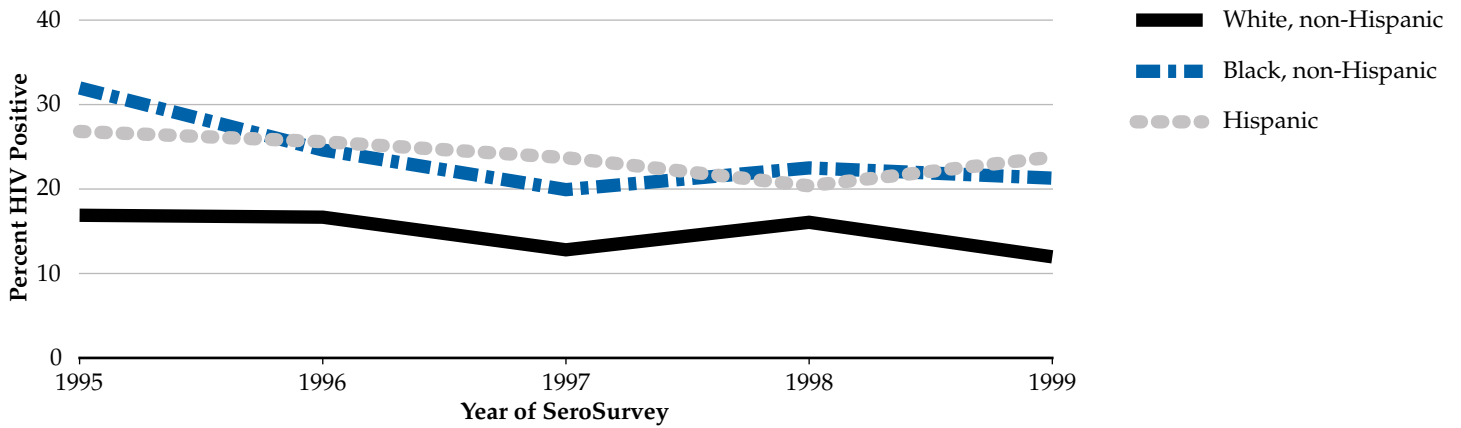


Figure 4-3b **Age**

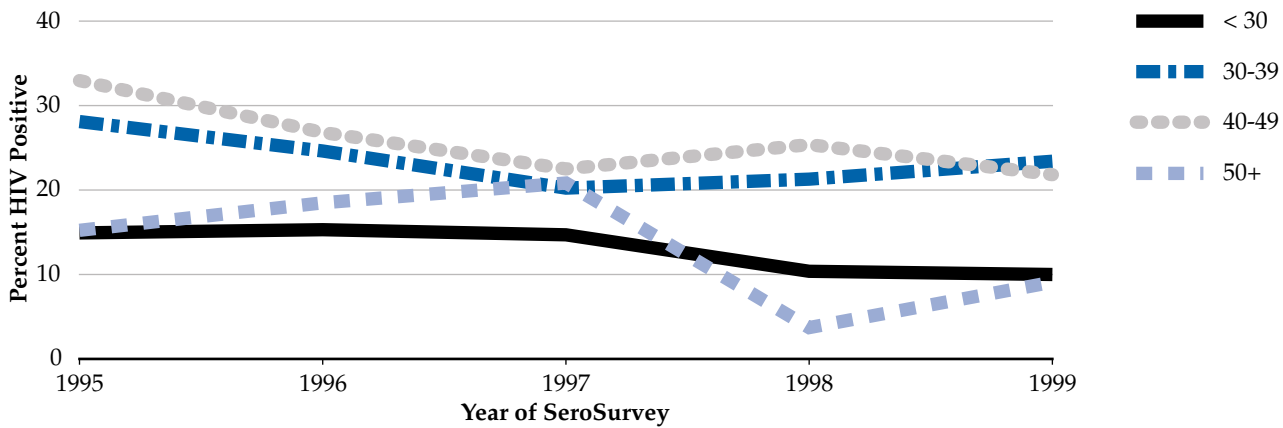
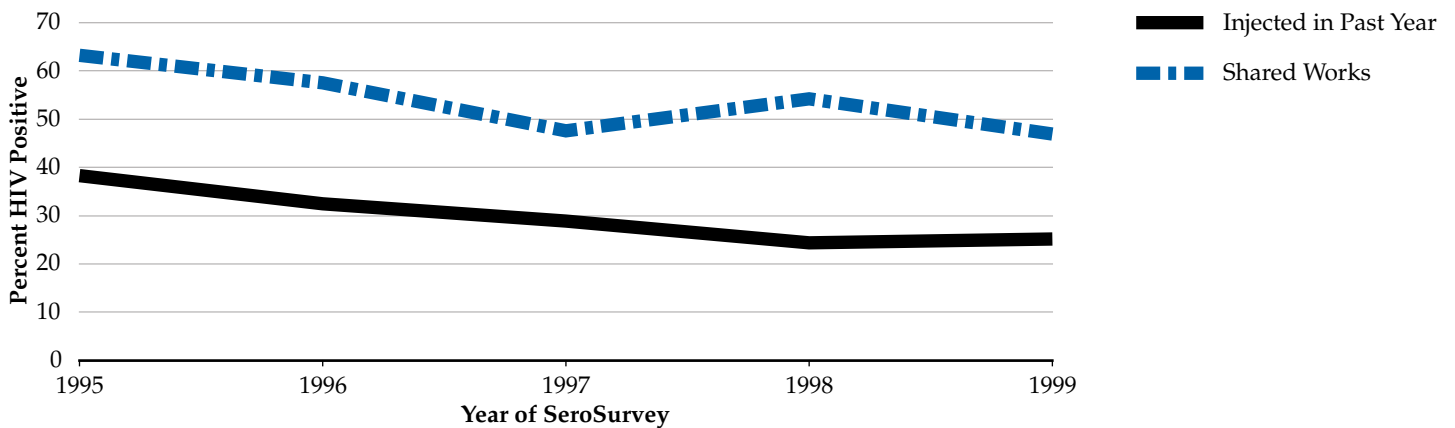


Figure 4-3c **Risk Behavior\*\***



\* Clinics not continuously participating.

\*\* Self-reported risk behavior. Behaviors are not mutually exclusive and are non-hierarchical.

Figure 4-4

# Unlinked Serosurvey in Methadone Maintenance Treatment Programs

## HIV Prevalence in Three Clinics in New York City\*

by Borough of Residence, 1995-1999

<b>All Clients</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>Bronx</b>	Number Positive	314	263	217	152	180	1,126
	Number Tested	1,143	1,072	1,081	715	776	4,787
	Percent HIV Positive	27.5	24.5	20.1	21.3	23.2	23.5
<b>Brooklyn</b>	Number Positive	169	159	140	43	32	543
	Number Tested	619	622	603	300	221	2,365
	Percent HIV Positive	27.3	25.6	23.2	14.3	14.5	23.0
<b>Manhattan</b>	Number Positive	395	319	278	171	115	1,278
	Number Tested	1,478	1,310	1,289	866	655	5,598
	Percent HIV Positive	26.7	24.4	21.6	19.8	17.6	22.8
<b>Queens</b>	Number Positive	55	30	29	30	9	153
	Number Tested	221	171	219	186	109	906
	Percent HIV Positive	24.9	17.5	13.2	16.1	8.3	16.9
<b>Other/Unknown</b>	Number Positive	13	16	8	3	1	41
	Number Tested	78	48	40	15	15	196
	Percent HIV Positive	16.7	33.3	20.0	20.0	6.7	20.9
<b>Total Number Positive</b>		<b>946</b>	<b>787</b>	<b>672</b>	<b>399</b>	<b>337</b>	<b>3,141</b>
<b>Total Tested</b>		<b>3,539</b>	<b>3,223</b>	<b>3,232</b>	<b>2,082</b>	<b>1,776</b>	<b>13,852</b>
<b>Total Percent HIV Positive</b>		<b>26.7</b>	<b>24.4</b>	<b>20.8</b>	<b>19.2</b>	<b>19.0</b>	<b>22.7</b>
<b>Male Clients</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>Bronx</b>	Number Positive	213	184	151	102	109	759
	Number Tested	755	707	738	489	494	3,183
	Percent HIV Positive	28.2	26.0	20.5	20.9	22.1	23.8
<b>Brooklyn</b>	Number Positive	109	100	102	27	25	363
	Number Tested	413	419	426	212	165	1,635
	Percent HIV Positive	26.4	23.9	23.9	12.7	15.2	22.2
<b>Manhattan</b>	Number Positive	282	228	195	132	85	922
	Number Tested	1,019	907	910	648	465	3,949
	Percent HIV Positive	27.7	25.1	21.4	20.4	18.3	23.3
<b>Queens</b>	Number Positive	33	21	20	18	3	95
	Number Tested	160	120	146	139	72	637
	Percent HIV Positive	20.6	17.5	13.7	13.0	4.2	14.9
<b>Other/Unknown</b>	Number Positive	7	14	7	3	1	32
	Number Tested	53	37	29	11	11	141
	Percent HIV Positive	13.2	37.8	24.1	27.3	9.1	22.7
<b>Total Number Positive</b>		<b>644</b>	<b>547</b>	<b>475</b>	<b>282</b>	<b>223</b>	<b>2,171</b>
<b>Total Tested</b>		<b>2,400</b>	<b>2,190</b>	<b>2,249</b>	<b>1,499</b>	<b>1,207</b>	<b>9,545</b>
<b>Total Percent HIV Positive</b>		<b>26.8</b>	<b>25.0</b>	<b>21.1</b>	<b>18.8</b>	<b>18.5</b>	<b>22.7</b>

\*Clinics not continuously participating.



Figure 4-4

Unlinked Serosurvey in Methadone Maintenance Treatment Program Clients, HIV Prevalence in Three Clinics in New York City\*, by Borough of Residence, 1995-1999

Figure 4-4a All Clients

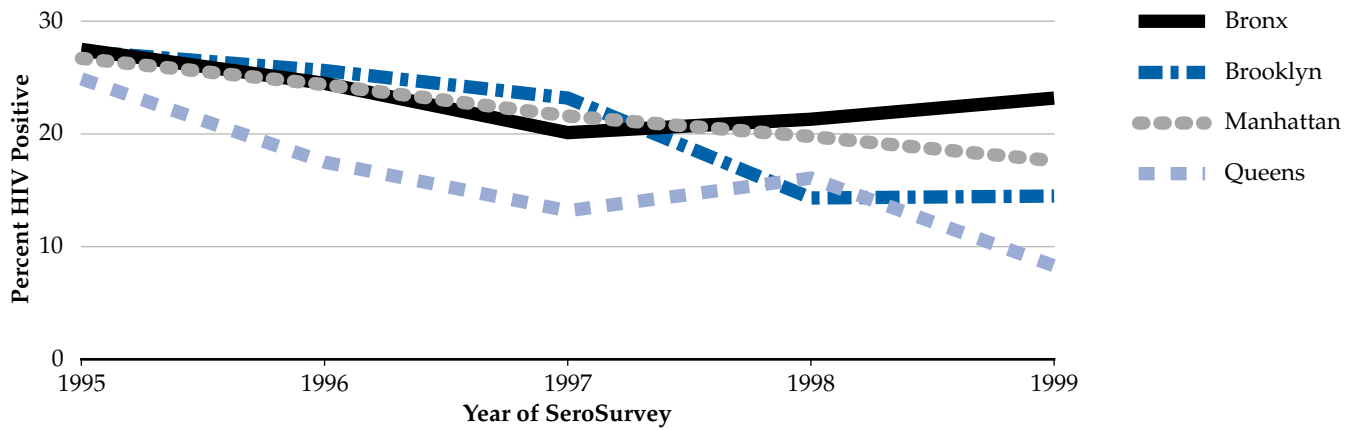
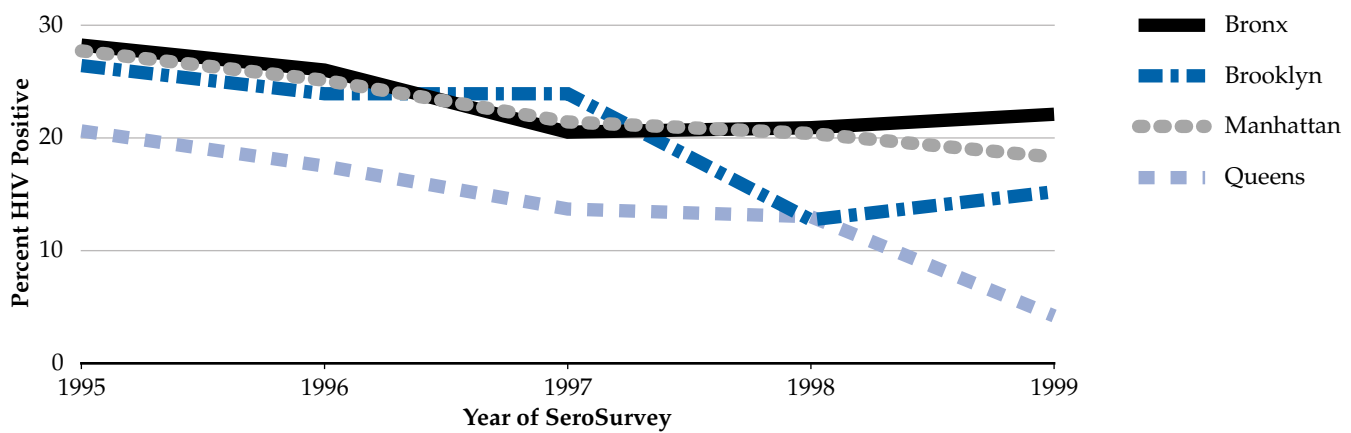


Figure 4-4b Male Clients



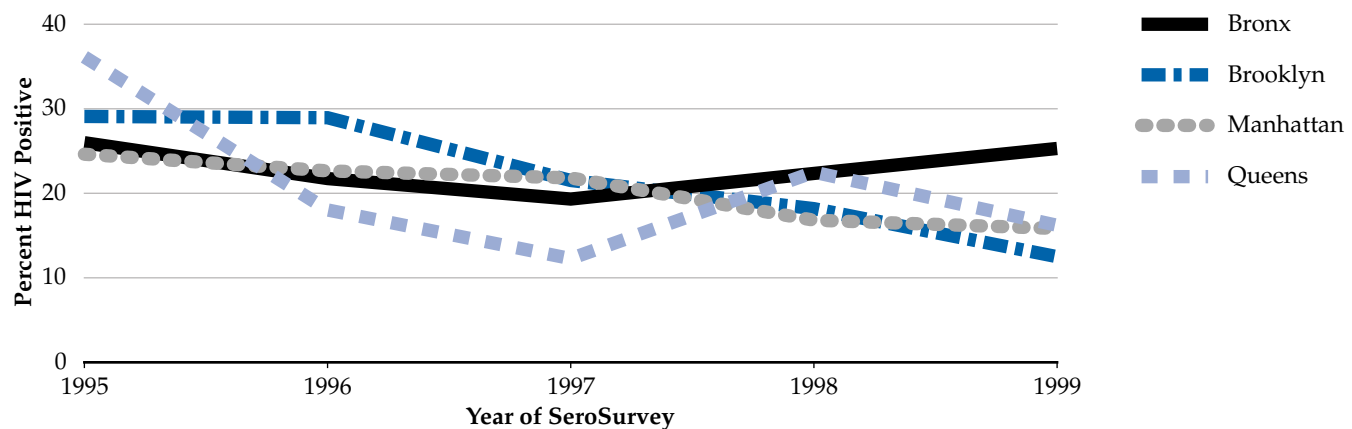
\*Clinics not continuously participating.

Figure 4-4

Unlinked Serosurvey in Methadone Maintenance Treatment Program Clients, HIV Prevalence in Three Clinics in New York City\*, by Borough of Residence, 1995-1999

<b>Female Clients</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>Bronx</b>	Number Positive	101	79	66	50	71	367
	Number Tested	388	364	342	224	281	1,599
	Percent HIV Positive	26.0	21.7	19.3	22.3	25.3	23.0
<b>Brooklyn</b>	Number Positive	60	58	38	16	7	179
	Number Tested	206	201	177	88	56	728
	Percent HIV Positive	29.1	28.9	21.5	18.2	12.5	24.6
<b>Manhattan</b>	Number Positive	113	91	82	35	30	351
	Number Tested	459	403	376	209	190	1,637
	Percent HIV Positive	24.6	22.6	21.8	16.8	15.8	21.4
<b>Queens</b>	Number Positive	22	9	9	12	6	58
	Number Tested	61	50	73	47	37	268
	Percent HIV Positive	36.1	18.0	12.3	25.5	16.2	22.7
<b>Other/Unknown</b>	Number Positive	6	2	1	0	0	9
	Number Tested	24	11	10	4	4	53
	Percent HIV Positive	25.0	18.2	10.0	0.0	0.0	17.0
<b>Total Number Positive</b>		<b>302</b>	<b>239</b>	<b>196</b>	<b>113</b>	<b>114</b>	<b>964</b>
<b>Total Tested</b>		<b>1,138</b>	<b>1,029</b>	<b>978</b>	<b>572</b>	<b>568</b>	<b>4,285</b>
<b>Total Percent HIV Positive</b>		<b>26.5</b>	<b>23.2</b>	<b>20.0</b>	<b>19.8</b>	<b>20.1</b>	<b>22.5</b>

Figure 4-4c **Female Clients**



\*Clinics not continuously participating.



Figure 4-5

# Unlinked Serosurvey in Drug Treatment Clinic Clients HIV Prevalence in Five Clinics in New York State\*

All Clients, 1995-1999

<b>Gender</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>Males</b>	Number Positive	113	114	112	77	23	439
	Number Tested	1,839	1,849	2,101	1,519	513	7,821
	Percent HIV Positive	6.1	6.2	5.3	5.1	4.5	5.6
<b>Females</b>	Number Positive	75	43	59	49	24	250
	Number Tested	710	652	765	647	389	3,163
	Percent HIV Positive	10.6	6.6	7.7	7.6	6.2	7.9
<b>Total Number Positive</b>		<b>188</b>	<b>157</b>	<b>174</b>	<b>126</b>	<b>47</b>	<b>692</b>
<b>Total Tested</b>		<b>2,555</b>	<b>2,512</b>	<b>2,889</b>	<b>2,172</b>	<b>904</b>	<b>11,032</b>
<b>Total Percent HIV Positive</b>		<b>7.4</b>	<b>6.3</b>	<b>6.0</b>	<b>5.8</b>	<b>5.2</b>	<b>6.3</b>
<b>Race/Ethnicity</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>White, non-Hispanic</b>	Number Positive	26	26	26	20	17	115
	Number Tested	812	847	1,165	826	466	4,116
	Percent HIV Positive	3.2	3.1	2.2	2.4	3.7	2.8
<b>Black, non-Hispanic</b>	Number Positive	96	70	86	65	23	340
	Number Tested	1,159	1,044	1,086	846	371	4,506
	Percent HIV Positive	8.3	6.7	7.9	7.7	6.2	7.5
<b>Hispanic</b>	Number Positive	65	59	59	36	7	226
	Number Tested	550	585	593	431	60	2,219
	Percent HIV Positive	11.8	10.1	10.0	8.4	11.7	10.2
<b>Other/Unknown</b>	Number Positive	1	2	3	5	0	11
	Number Tested	34	36	45	69	7	191
	Percent HIV Positive	2.9	5.6	6.7	7.2	0.0	5.8
<b>Age</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>&lt; 30</b>	Number Positive	38	26	24	18	8	114
	Number Tested	845	827	940	761	230	3,603
	Percent HIV Positive	4.5	3.1	2.6	2.4	3.5	3.2
<b>30-39</b>	Number Positive	96	84	94	55	21	350
	Number Tested	1,123	1,094	1,173	839	378	4,607
	Percent HIV Positive	8.6	7.7	8.0	6.6	5.6	7.6
<b>40-49</b>	Number Positive	46	36	47	44	12	185
	Number Tested	475	438	567	423	209	2,112
	Percent HIV Positive	9.7	8.2	8.3	10.4	5.7	8.8
<b>Other/Unknown</b>	Number Positive	8	11	9	9	6	43
	Number Tested	112	153	209	149	87	710
	Percent HIV Positive	7.1	7.2	4.3	6.0	6.9	6.1

\* Clinics not continuously participating.

Clinics include detox and drug-free treatment centers.

Figure 4-5

Unlinked Serosurvey in Drug Treatment Clinic Clients, HIV Prevalence in Five Clinics in New York State\*, All Clients, 1995-1999 (continued)

Figure 4-5a **Gender**

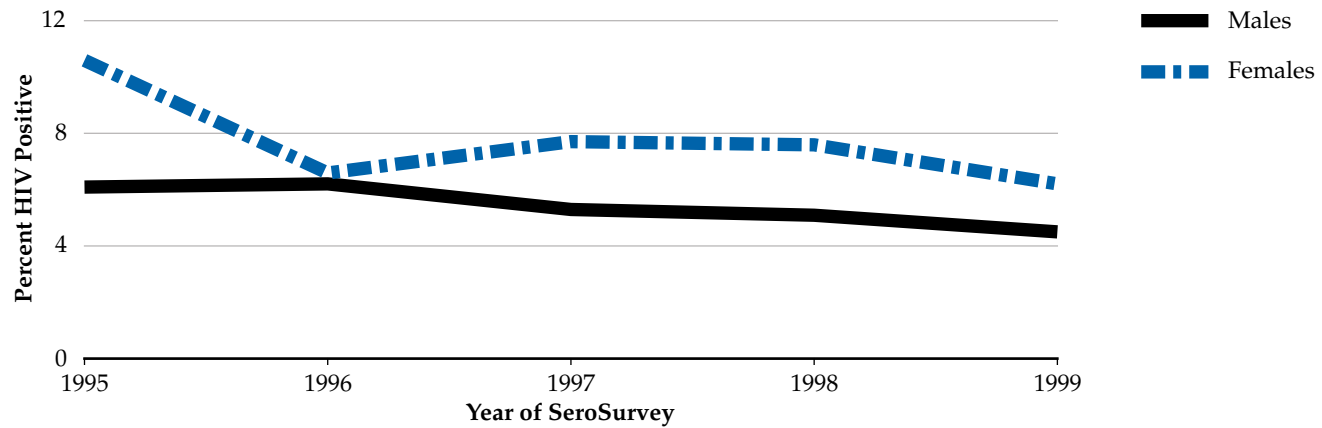


Figure 4-5b **Race/Ethnicity**

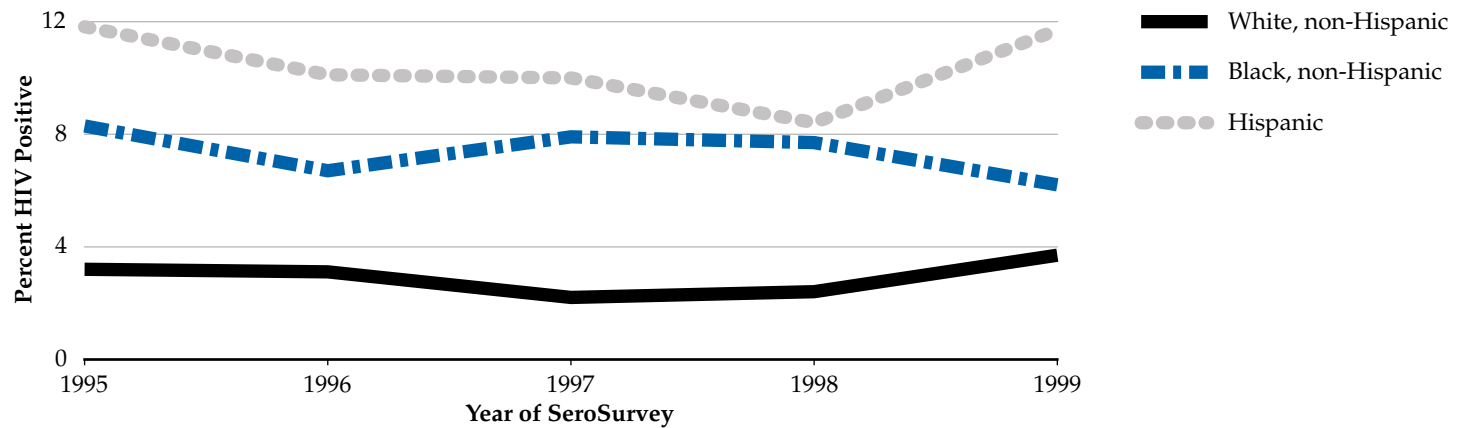
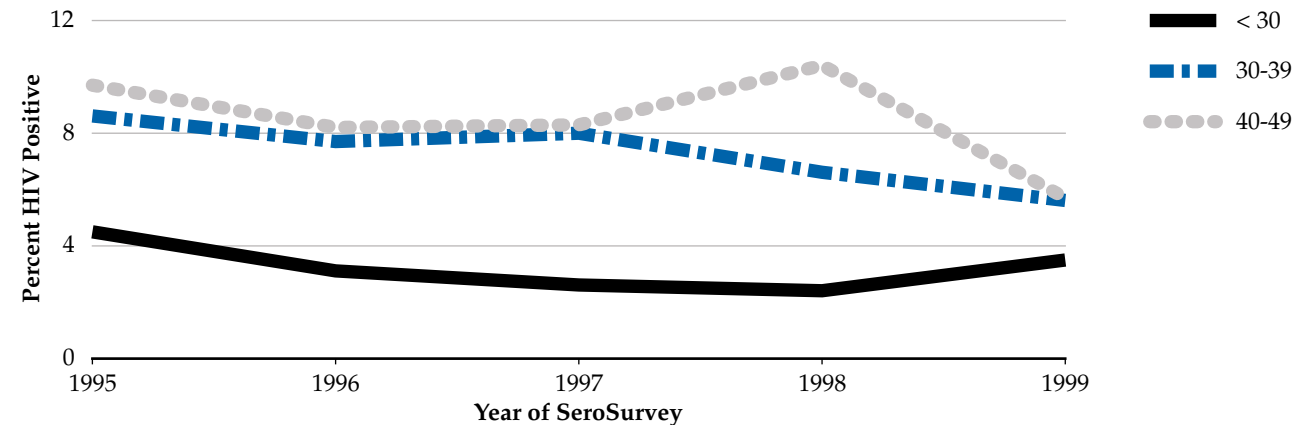


Figure 4-5c **Age**



\* Clinics not continuously participating.  
Clinics include detox and drug-free treatment centers.

Figure 4-6

# Unlinked Serosurvey in Drug Treatment Clinic Clients HIV Prevalence in Five Clinics in New York State\*

Male Clients, 1995-1999

<b>Race/Ethnicity</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>White, non-Hispanic</b>	Number Positive	14	19	17	14	11	75
	Number Tested	623	636	858	558	274	2,949
	Percent HIV Positive	2.3	3.0	2.0	2.5	4.0	2.5
<b>Black, non-Hispanic</b>	Number Positive	51	43	53	36	8	191
	Number Tested	757	707	746	568	203	2,981
	Percent HIV Positive	6.7	6.1	7.1	6.3	3.9	6.4
<b>Hispanic</b>	Number Positive	48	50	41	23	4	166
	Number Tested	438	482	471	344	32	1,767
	Percent HIV Positive	11.0	10.4	8.7	6.7	12.5	9.4
<b>Other/Unknown</b>	Number Positive	0	2	1	4	0	7
	Number Tested	21	24	26	49	4	124
	Percent HIV Positive	0.0	8.3	3.9	8.2	0.0	5.7
<b>Total Number Positive</b>		<b>113</b>	<b>114</b>	<b>112</b>	<b>77</b>	<b>23</b>	<b>439</b>
<b>Total Tested</b>		<b>1,839</b>	<b>1,849</b>	<b>2,101</b>	<b>1,519</b>	<b>513</b>	<b>7,821</b>
<b>Total Percent HIV Positive</b>		<b>6.1</b>	<b>6.2</b>	<b>5.3</b>	<b>5.1</b>	<b>4.5</b>	<b>5.6</b>

<b>Age</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>&lt; 30</b>	Number Positive	24	15	9	7	5	60
	Number Tested	620	619	699	538	130	2,606
	Percent HIV Positive	3.9	2.4	1.3	1.3	3.9	2.3
<b>30-39</b>	Number Positive	51	62	61	34	8	216
	Number Tested	767	774	818	571	207	3,137
	Percent HIV Positive	6.7	8.0	7.5	6.0	3.9	6.9
<b>40-49</b>	Number Positive	34	29	35	28	5	131
	Number Tested	370	343	419	299	109	1,540
	Percent HIV Positive	9.2	8.5	8.4	9.4	4.6	8.5
<b>Other/Unknown</b>	Number Positive	4	8	7	8	5	32
	Number Tested	82	113	165	111	67	538
	Percent HIV Positive	4.9	7.1	4.2	7.2	7.5	6.0

<b>Risk Behavior**</b>		<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Total</b>
<b>Injected in Past Year</b>	Number Positive	67	59	46	31	10	213
	Number Tested	477	488	442	325	49	1,781
	Percent HIV Positive	14.1	12.1	10.4	9.5	20.4	12.0
<b>Shared Works</b>	Number Positive	35	40	29	16	10	130
	Number Tested	289	259	172	98	39	857
	Percent HIV Positive	12.1	15.4	16.9	16.3	25.6	15.2

\* Clinics not continuously participating.

\*\* Self-reported risk behavior. Behaviors are not mutually exclusive and are non-hierarchical.

Figure 4-6

Unlinked Serosurvey in Drug Treatment Clinic Clients, HIV Prevalence in Five Clinics in New York State\*  
Male Clients, 1995-1999 (continued)

Figure 4-6a **Race/Ethnicity**

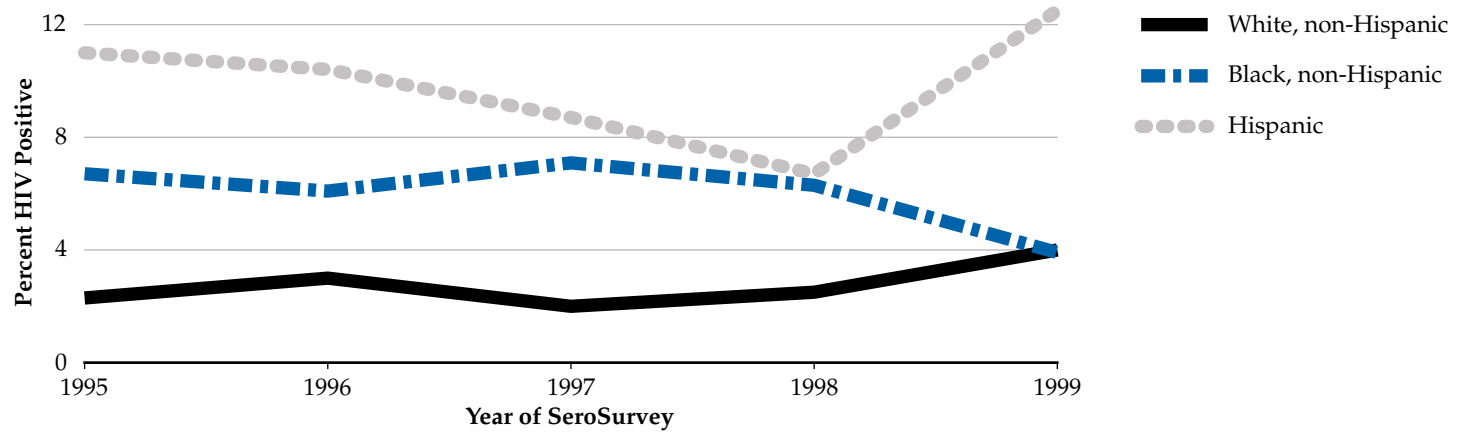


Figure 4-6b **Age**

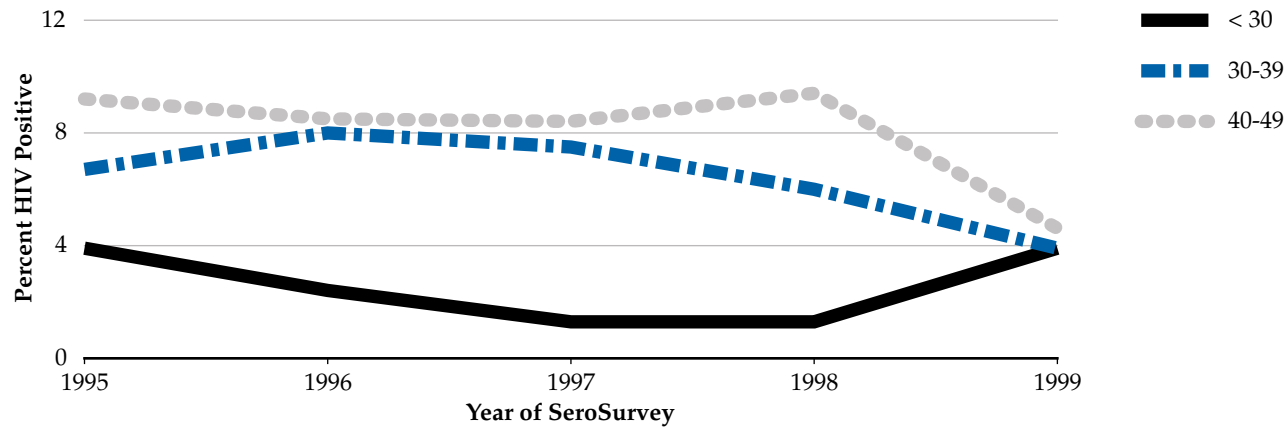
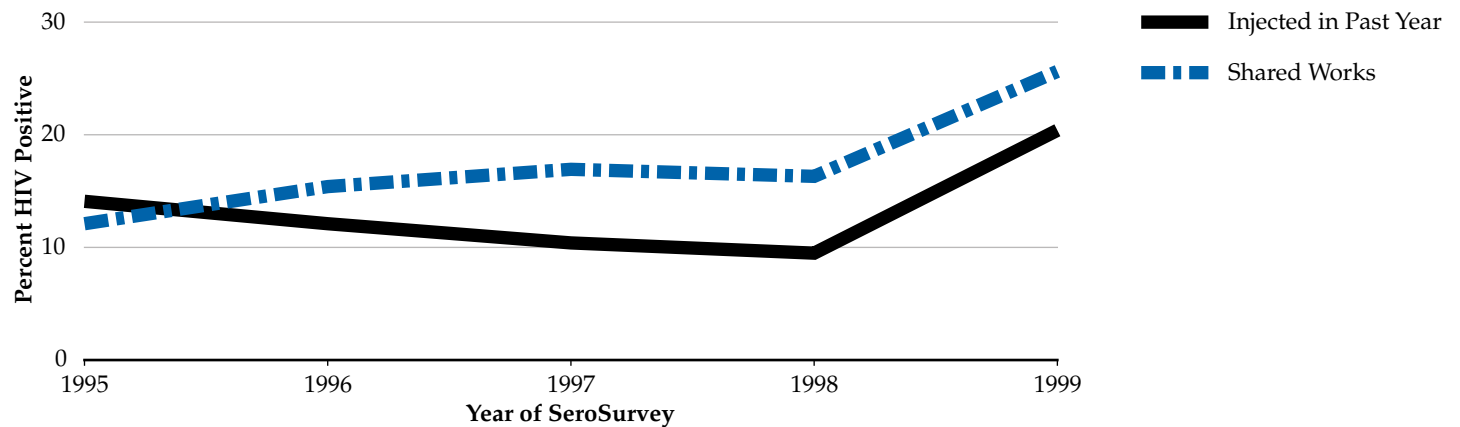


Figure 4-6c **Risk Behavior**



\* Clinics not continuously participating.

Figure 4-7

# Unlinked Serosurvey in Drug Treatment Clinic Clients HIV Prevalence in Five Clinics in New York State\*

Female Clients, 1995-1997

Race/Ethnicity		1995	1996	1997	1998	1999	Total
White, non-Hispanic	Number Positive	12	7	8	6	6	39
	Number Tested	187	209	294	268	190	1,148
	Percent HIV Positive	6.4	3.4	2.7	2.2	3.2	3.4
Black, non-Hispanic	Number Positive	45	27	32	29	15	148
	Number Tested	400	334	333	275	168	1,510
	Percent HIV Positive	11.3	8.1	9.6	10.6	8.9	9.8
Hispanic	Number Positive	17	9	18	13	3	60
	Number Tested	110	98	120	85	28	441
	Percent HIV Positive	15.5	9.2	15.0	15.3	10.7	13.6
Other/Unknown	Number Positive	1	0	1	1	0	3
	Number Tested	13	11	18	19	3	64
	Percent HIV Positive	7.7	0.0	5.6	5.3	0.0	4.7
Total Number Positive		75	43	59	49	24	250
Total Tested		710	652	765	647	389	3,163
Total Percent HIV Positive		10.6	6.6	7.7	7.6	6.2	7.9

Age		1995	1996	1997	1998	1999	Total
< 30	Number Positive	14	11	14	11	3	53
	Number Tested	224	205	235	223	99	986
	Percent HIV Positive	6.3	5.4	6.0	4.9	3.0	5.4
30-39	Number Positive	45	22	32	21	13	133
	Number Tested	352	315	348	267	171	1,453
	Percent HIV Positive	12.8	7.0	9.2	7.9	7.6	9.2
40-49	Number Positive	12	7	12	16	7	54
	Number Tested	104	94	143	123	100	564
	Percent HIV Positive	11.5	7.5	8.4	13.0	7.0	9.6
Other/Unknown	Number Positive	4	3	1	1	1	10
	Number Tested	30	38	39	34	19	160
	Percent HIV Positive	13.3	7.9	2.6	2.9	5.3	6.3

Risk Behavior**		1995	1996	1997	1998	1999	Total
Injected in Past Year	Number Positive	24	12	21	14	9	80
	Number Tested	151	145	120	116	36	568
	Percent HIV Positive	15.9	8.3	17.5	12.1	25.0	14.1
Shared Works	Number Positive	21	12	12	7	10	62
	Number Tested	103	93	66	55	36	353
	Percent HIV Positive	20.4	12.9	18.2	12.7	27.8	17.6

\* Clinics not continuously participating.

\*\* Self-reported risk behavior. Behaviors are not mutually exclusive and are non-hierarchical.



Figure 4-7

Unlinked Serosurvey in Drug Treatment Clinic Clients, HIV Prevalence in Five Clinics in New York State\*, Female Clients, 1995-1997 (continued)

Figure 4-7a **Race/Ethnicity**

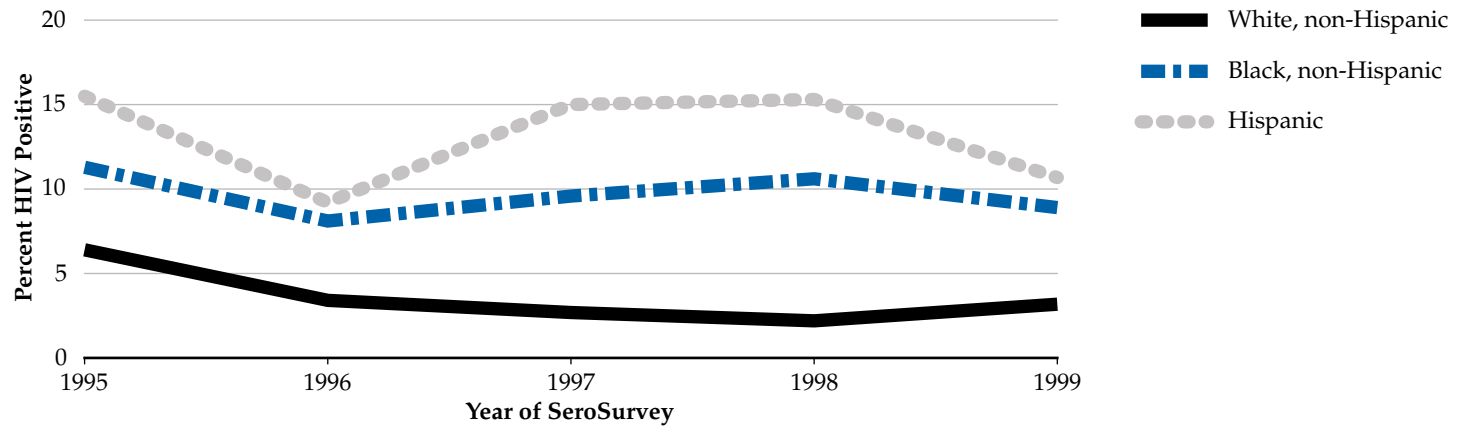


Figure 4-7b **Age**

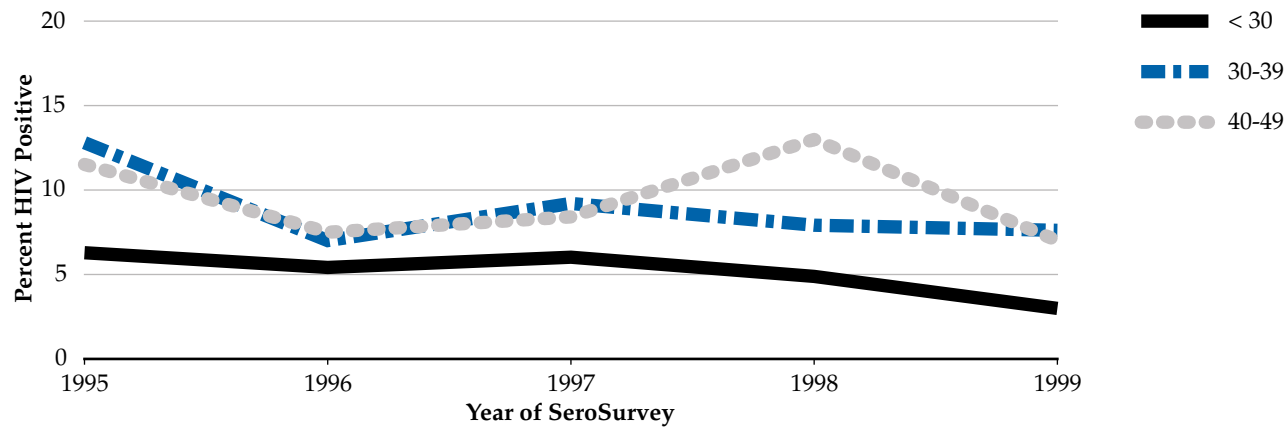
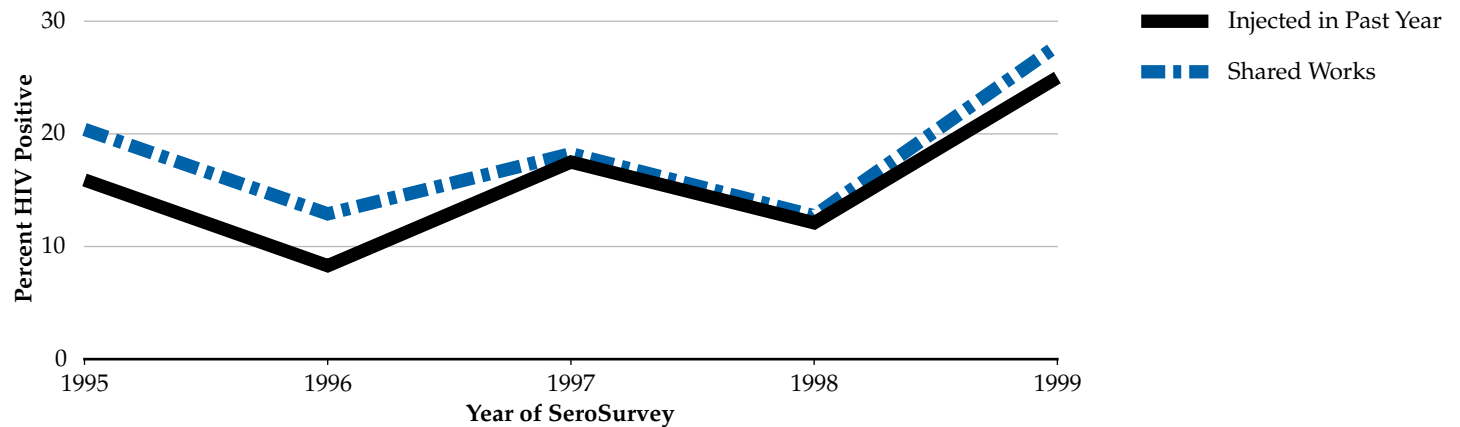


Figure 4-7c **Risk Behavior**



\* Clinics not continuously participating.

Figure 4-8

# Drug Treatment Client Voluntary Testing Program HIV Positivity by Client Demographics, IDU Status and Residence of Client\*

New York State, 1996 - 1997

	1996**				1997**			
	Number Counseled	Number Tested***	Number Positive	Percent Positive	Number Counseled	Number Tested***	Number Positive	Percent Positive
<b>Gender</b>								
Male	7,322	6,657	469	7.05	7,229	6,287	397	6.31
Female	5,105	4,711	358	7.60	4,596	3,944	266	6.74
Unknown	11	9	0	0.00	20	18	1	
<b>Age</b>								
<20	849	746	6	0.80	915	845	6	0.71
20-29	3,054	2,816	124	4.40	2,401	2,137	76	3.56
30-39	4,896	4,509	381	8.45	4,586	3,955	296	7.48
40-49	2,955	2,685	264	9.83	3,128	2,626	231	8.80
50+	656	598	49	8.19	776	650	53	8.15
Unknown	28	23	3	13.04	39	36	2	5.56
<b>Race/Ethnicity</b>								
White	3,823	3,618	111	3.07	3,558	3,229	88	2.73
Black	3,720	3,374	329	9.75	3,644	3,155	269	8.53
Hispanic	4,630	4,136	378	9.14	4,404	3,656	300	8.21
Asian /Pacific Islander	81	78	0	0.00	67	57	0	0.00
Native American/Alaskan Native	57	53	1	1.89	43	39	1	2.56
Other/Unknown	127	118	8	6.78	129	113	6	5.31
<b>Injecting Drug Use</b>								
Yes	3,602	3,243	478	14.74	3,347	2,919	349	11.96
No	8,836	8,134	349	4.29	8,498	7,330	315	4.30
<b>Residence</b>								
New York City	9,032	8,141	736	9.04	8,216	6,864	572	8.33
Rest of State	3,406	3,236	91	2.81	3,629	3,385	92	2.72
<b>Total Tested</b>	<b>12,438</b>	<b>11,377</b>	<b>827</b>	<b>7.27</b>	<b>11,845</b>	<b>10,249</b>	<b>664</b>	<b>6.48</b>

\* Based on complete individual data collection forms received.

\*\* Data updated since last published.

\*\*\* Includes only valid, complete tests; does not include tests where no result was found or where the result was inconclusive."

Figure 4-8

# Drug Treatment Client Voluntary Testing Program HIV Positivity by Client Demographics, IDU Status and Residence of Client\*

New York State, 1998 - 1999

	1998				1999			
	Number Counseled	Number Tested***	Number Positive	Percent Positive	Number Counseled	Number Tested***	Number Positive	Percent Positive
<b>Gender</b>								
Male	7,310	6,281	336	5.35	6,866	6,085	329	5.41
Female	4,460	3,909	263	6.73	4,016	3,599	212	5.89
Unknown	1	1	0	0.00	26	15	0	0.00
<b>Age</b>								
<20	815	760	5	0.66	888	815	5	0.61
20-29	2,084	1,894	57	3.01	1,957	1,778	35	1.97
30-39	4,363	3,808	236	6.20	3,851	3,420	189	5.53
40-49	3,430	2,870	232	8.08	3,114	2,738	246	8.98
50+	1,074	855	69	8.07	1,072	925	63	6.81
Unknown	5	4	0	0.00	26	23	3	13.04
<b>Race/Ethnicity</b>								
White	3,241	2,952	69	2.34	2,928	2,697	42	1.56
Black	3,765	3,169	254	8.02	3,651	3,189	229	7.18
Hispanic	4,534	3,861	271	7.02	3,970	3,501	249	7.11
Asian/Pacific Islander	44	37	1	2.70	54	44	1	2.27
Native American/Alaskan Native	41	39	1	2.56	43	38	0	0.00
Other/Unknown	146	133	3	2.26	262	230	20	8.70
<b>Injecting Drug Use</b>								
Yes	3,034	2,787	341	12.24	2,851	2,559	304	11.88
No	8,737	7,404	258	3.48	8,057	7,140	237	3.32
<b>Residence</b>								
New York City	8,526	7,099	530	7.47	7,782	6,836	491	7.18
Rest of State	3,245	3,092	69	2.23	3,126	2,863	50	1.75
<b>Total Tested</b>	<b>11,771</b>	<b>10,191</b>	<b>599</b>	<b>5.88</b>	<b>10,908</b>	<b>9,699</b>	<b>541</b>	<b>5.58</b>

\* Based on complete individual data collection forms received.

\*\* Data updated since last published.

\*\*\* Includes only valid, complete tests; does not include tests where no result was found or where the result was inconclusive.

Figure 4-8

# Drug Treatment Client Voluntary Testing Program HIV Positivity by Year Residence of Client

New York State, 1996 - 1999

Figure 4-8a Gender

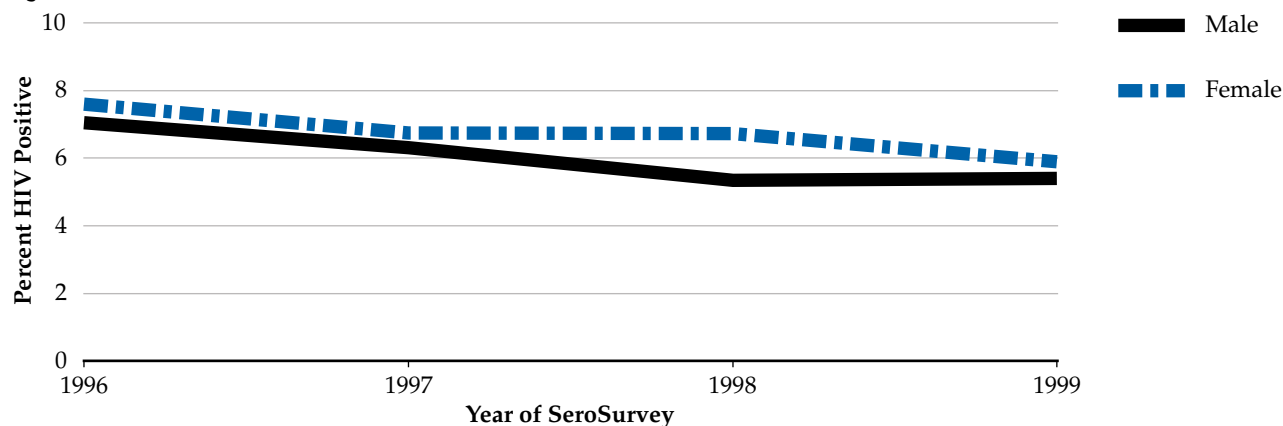


Figure 4-8b Age

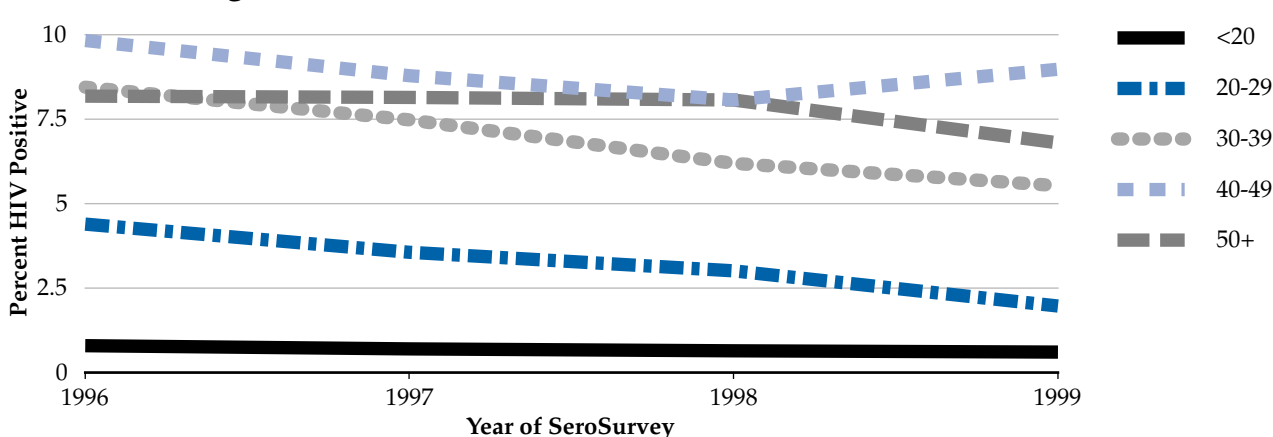


Figure 4-8c Race/Ethnicity

